



DELTA STEWARDSHIP COUNCIL
DELTA SCIENCE PROGRAM



*The Delta Science Program, the Ecosystem Restoration Program, and the Surface Water Ambient Monitoring Program
Jointly Present a Brown Bag Seminar Series.*

Farms as Floodplain: Five Years of Experimental Flooding of Yolo Bypass Ag Land

Monday, June 20, Noon to 1:00
Park Tower Plaza
2nd Floor Conference Room
980 Ninth St., Sacramento, CA



featuring
Lynn Takata
Department of
Water Resources
Division of Environmental Services
Aquatic Ecology Section

A project operating in one of the Delta Plan's six high-priority habitat restoration areas, the Yolo Bypass floodplain, is the topic for our next Seminar. Lynn Takata will discuss the Agricultural Floodplain Study, which examines how juvenile Chinook salmon benefit from flooding the Bypass. Multiple groups, government agencies, and landowners were involved in the five-year study, which offers direct implications on how existing farm land, along with restoration design, can be leveraged to maximize salmon growth and survival.



Yolo Bypass flooding - 2016

The Agricultural Floodplain Study is an outgrowth of the pioneering work DWR's Ted Sommer and others began more than a decade ago. Now planning has begun for large-scale restoration projects in the Yolo Bypass aimed at supporting declining salmon populations while balancing ongoing farming and other human uses.

This seminar is an expansion of Ms. Takata's presentation at April's Interagency Ecological Program Workshop where she focused on a short synthesis of data outlining the remarkable growth and survival benefits of using agricultural floodplains to rear juvenile salmon.

The 59,000 acre Yolo Bypass was originally engineered to provide flood protection for the Sacramento region. In the spring and summer, a substantial portion of the floodplain is used for farming. During the winter it can become flooded, providing expansive floodplain habitat that doubles the wetted surface area of the Delta.



*Counting juvenile
Chinook salmon
before placing them
in experimentally
flooded agricultural
fields*

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[Please click here](#) for instructions on how to watch via WebEx